

SWIM Connect 2015

*Using SWIM at the Florida
NextGen Test Bed for
NextGen Development*

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Federal Aviation
Administration

The SWIM connect 2015 logo is centered within a large white circle on a blue background. The word "SWIM" is in a large, bold, black sans-serif font. To its right are three blue circles of varying sizes. Below "SWIM", the words "connect 2015" are written in a smaller, black, lowercase sans-serif font.

SWIM
connect 2015

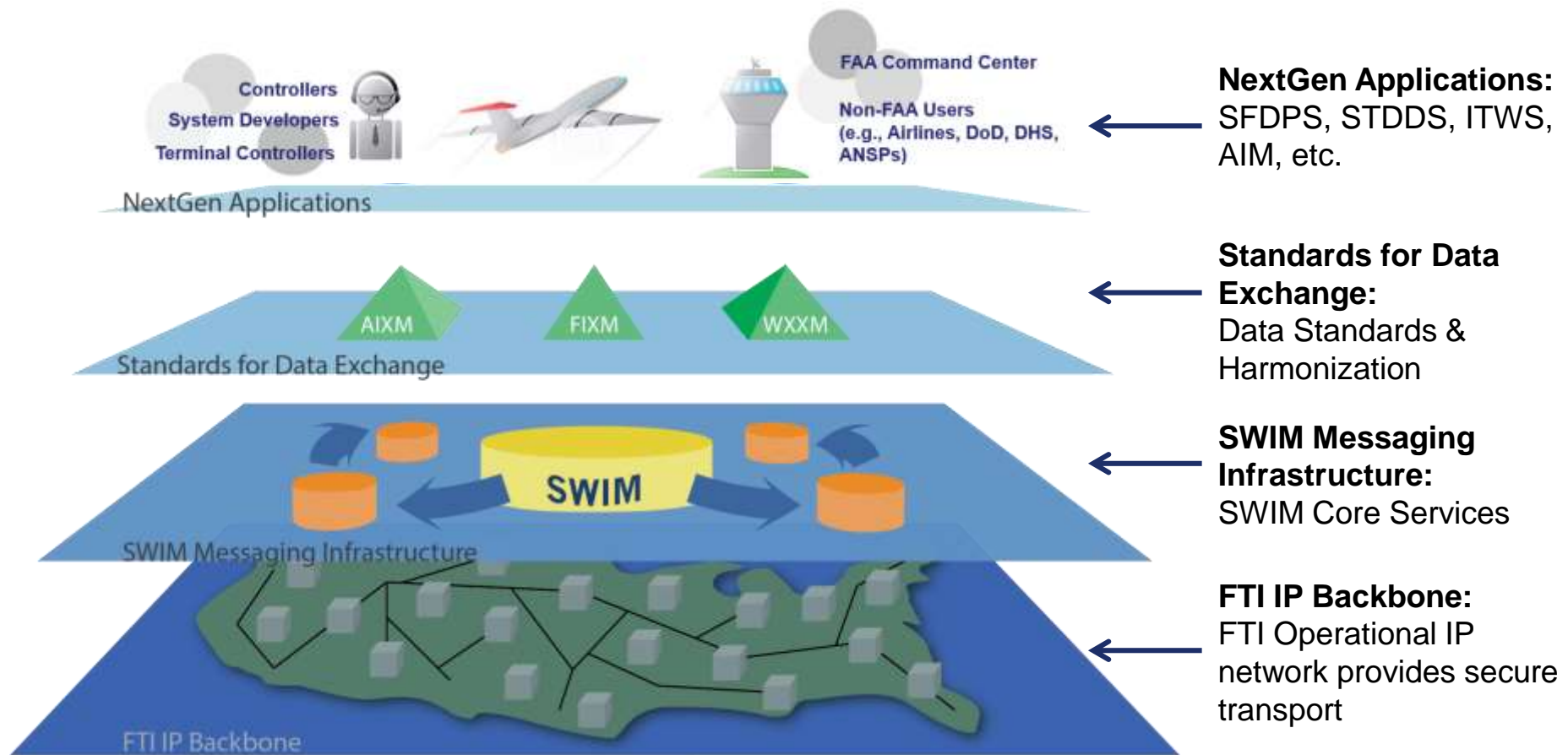


" Working Together to Help Shape the Future of Aviation"

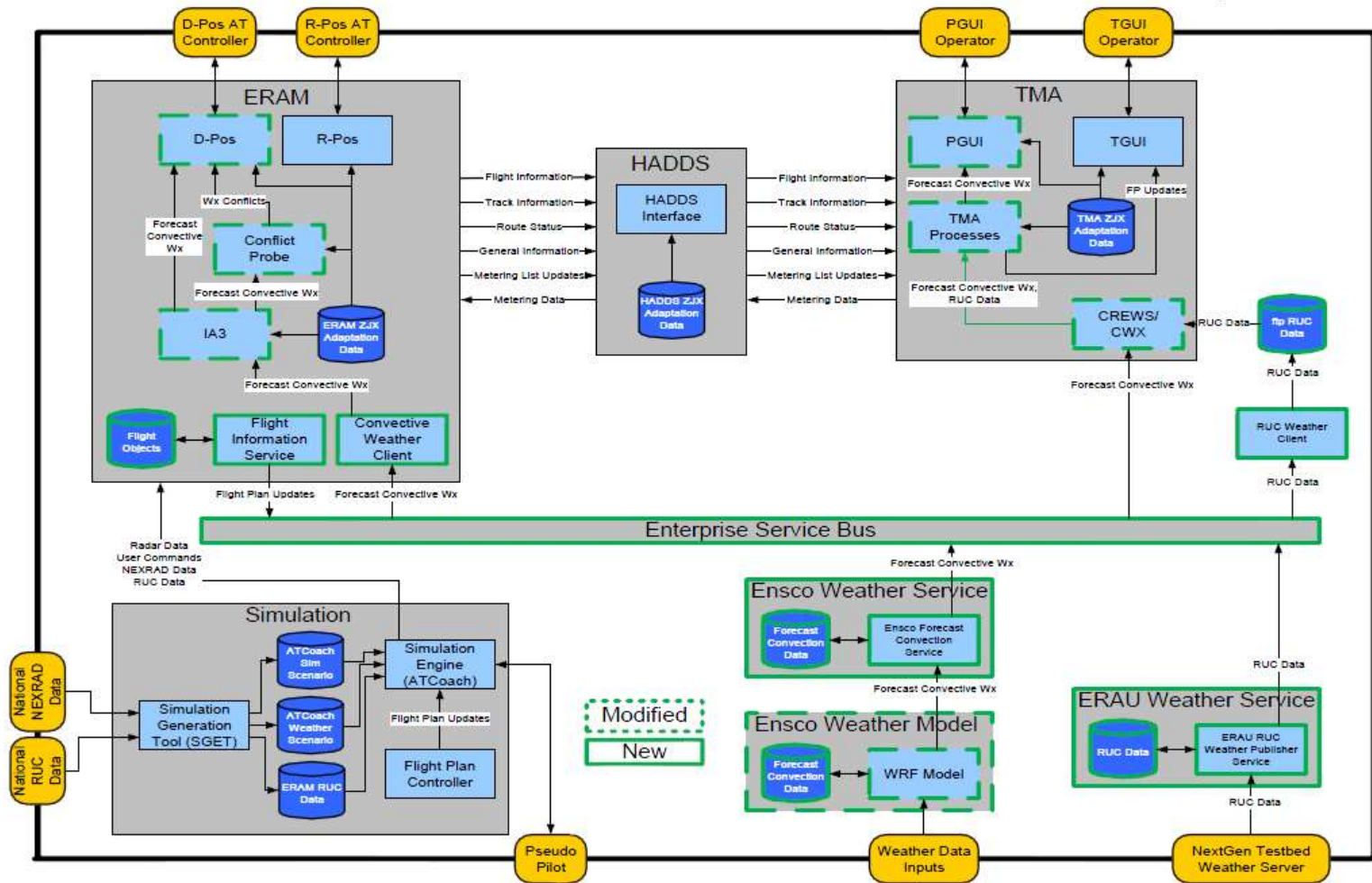


The FTB is an agile, robust, and stable suite of SWIM capable systems and services developed to explore emerging technologies, new operational concepts, and evolving international standards

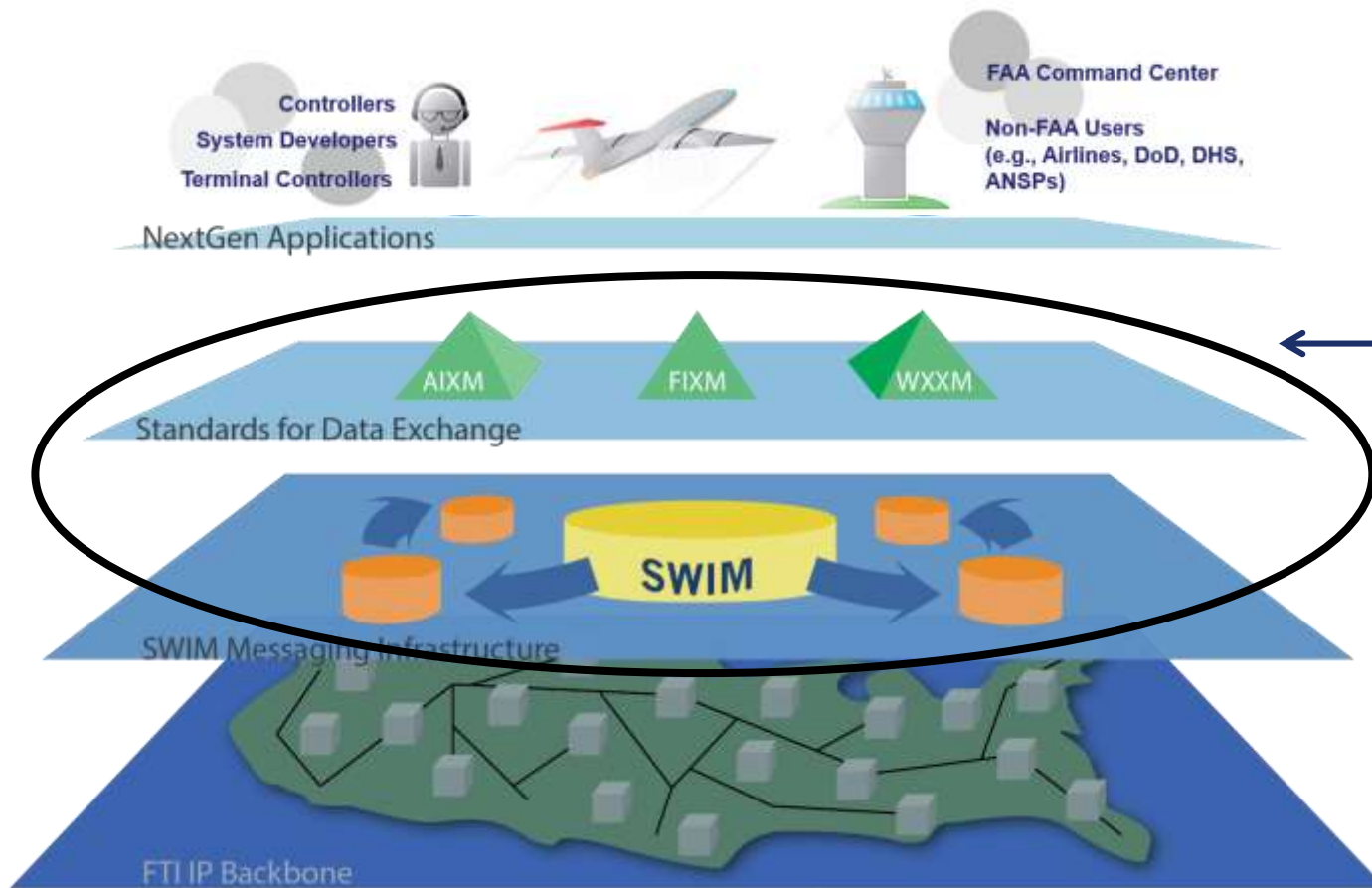
NextGen Information Sharing Architecture



Original Integrated Airport Initiative “SWIM-Like” Architecture



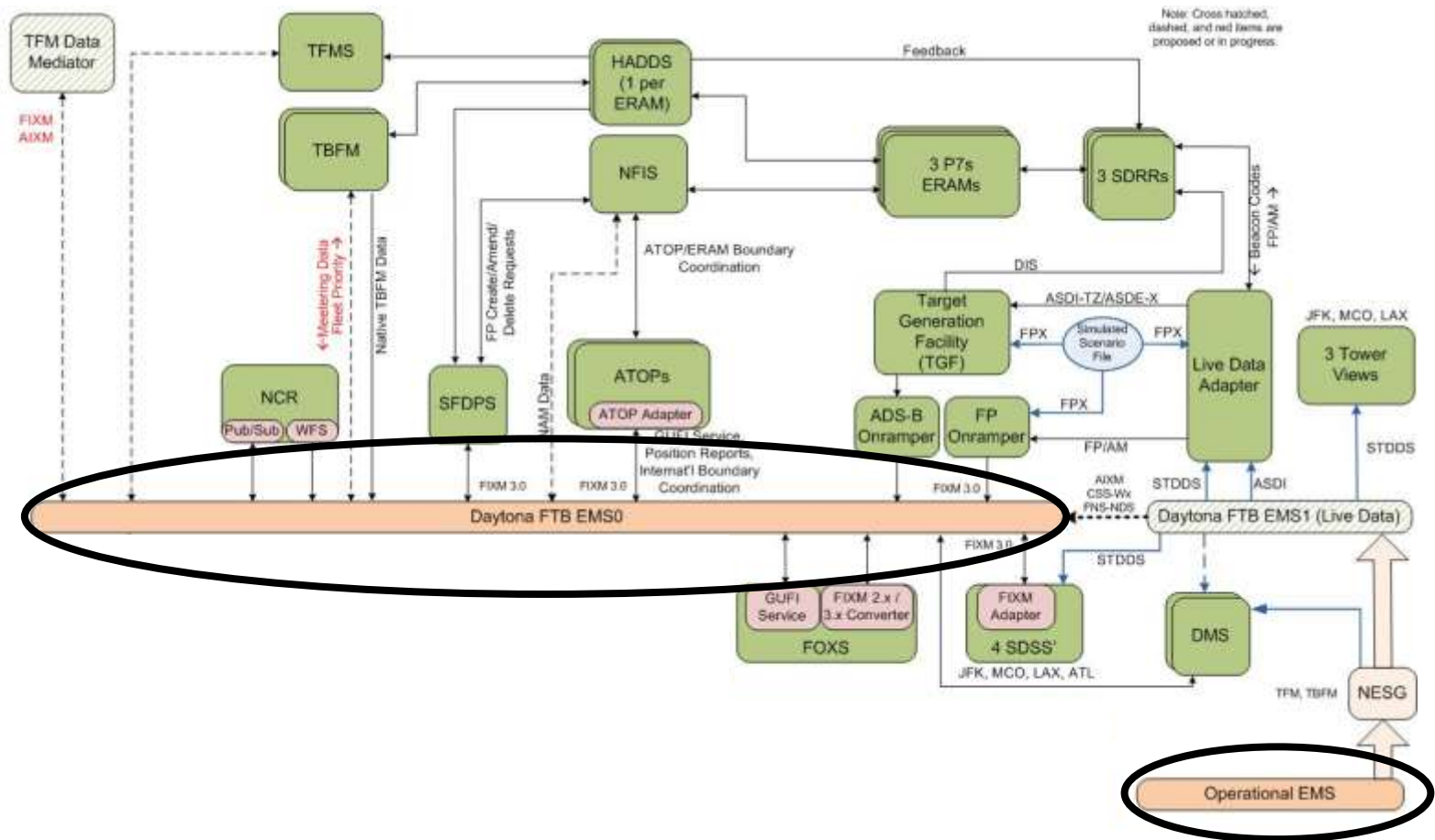
NextGen Information Sharing Architecture



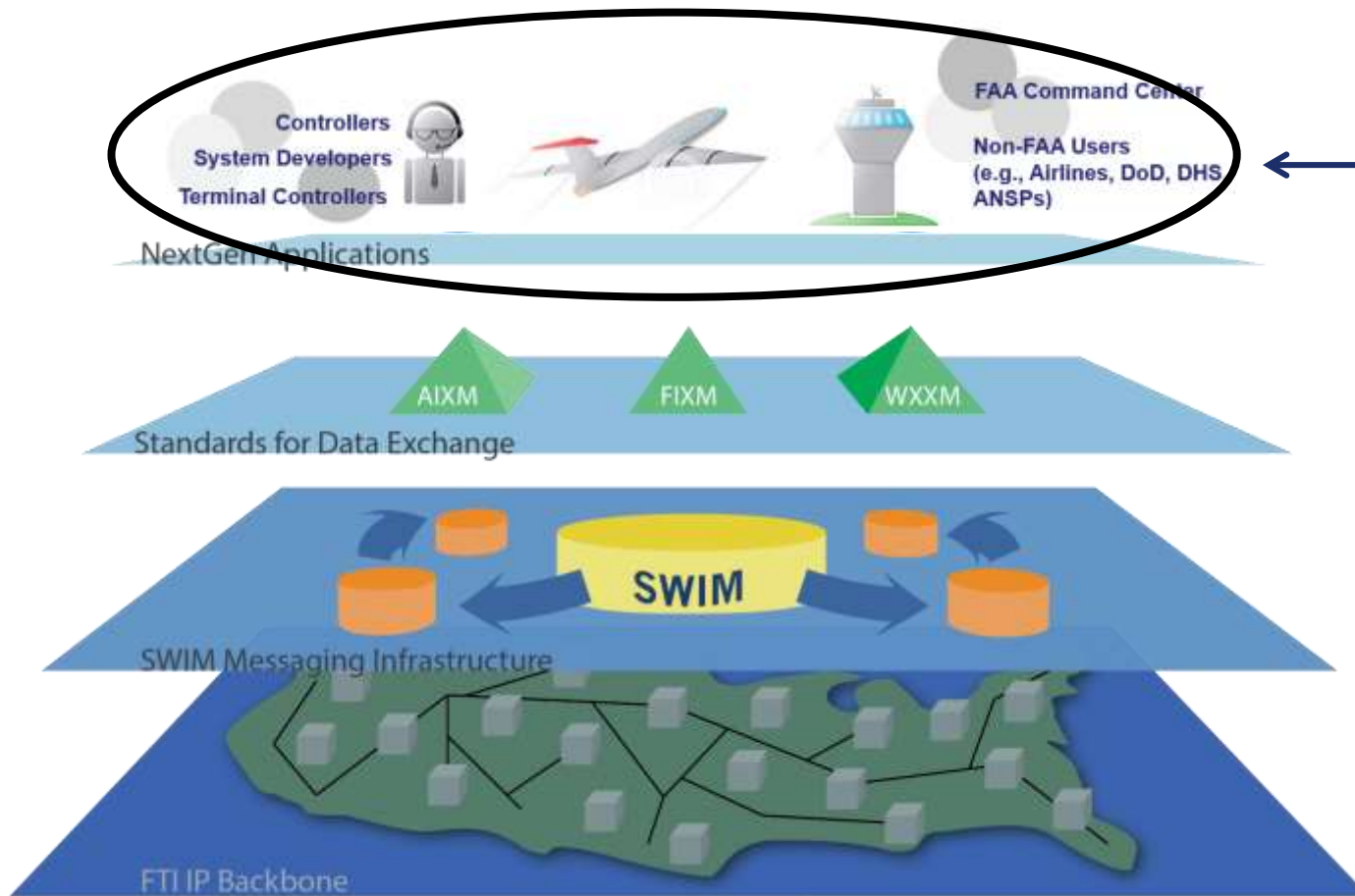
Standards for Data Exchange: Data Standards & Harmonization

- Explore the use of these standards and provide feedback to the standards bodies and Int'l community
- Validate new standards and/or provide feedback for improvements

FTB System Architecture



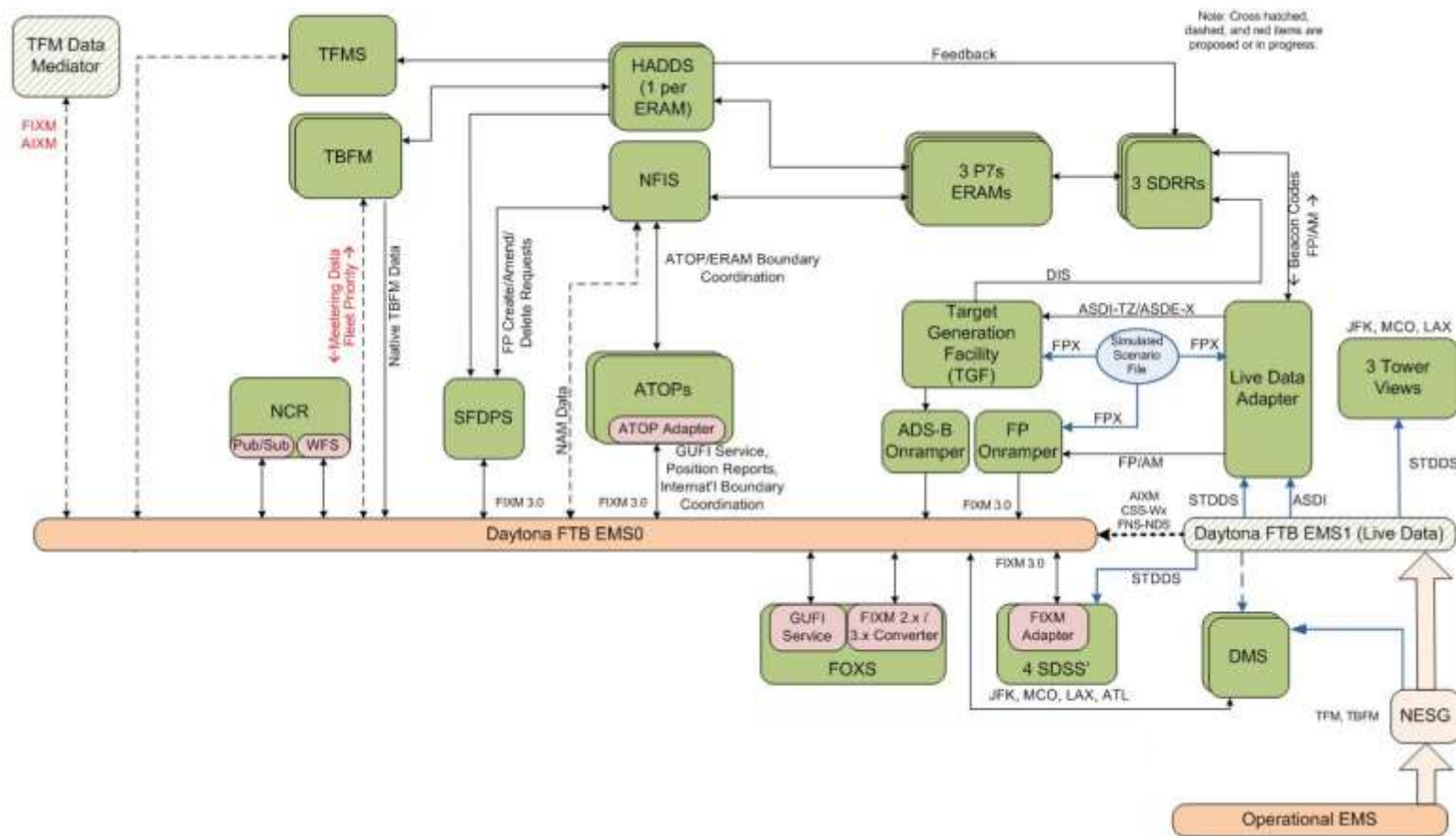
NextGen Information Sharing Architecture



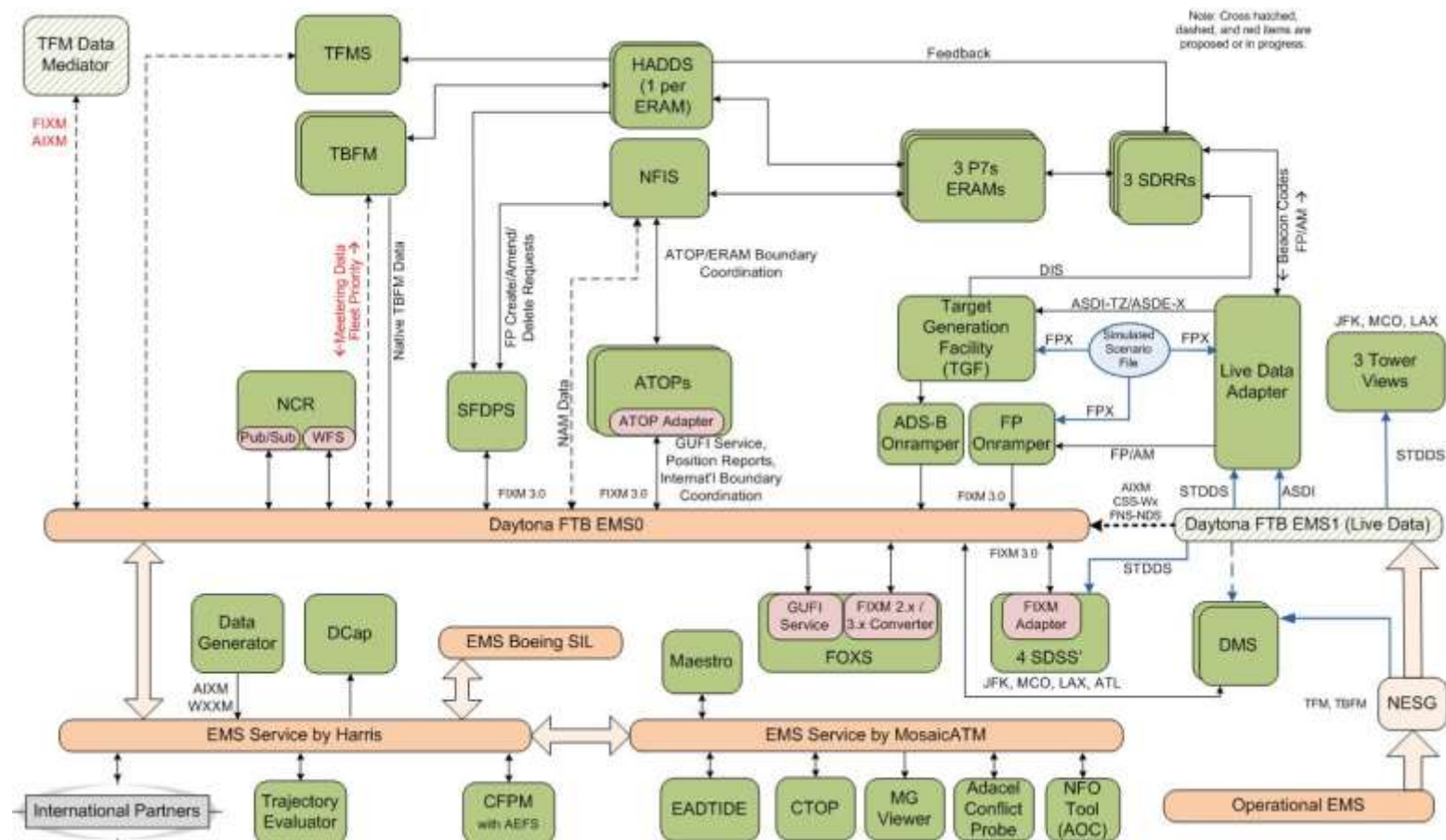
NextGen Applications:
SFDPS, STDDS, ITWS,
AIM, etc.

- Explore SWIM as an enabling technology
- Develop new apps or improve upon existing apps by exploiting swim capabilities
- Use SWIM enabled systems to explore new operational concepts

FTB System Architecture



FTB and Int'l SWIM





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